

SYSTEM FOR BIT-RATE CONTROLLED DIGITAL STREAM PLAYBACK AND METHOD THEREOF

ABSTRACT OF THE DISCLOSURE

A system and methods are provided for a controlled transfer of a portion of a data stream
5 between a digital storage media and a corresponding stream decoder. A data stream stored in digital
storage media is accessed through an application. A FIFO is used to provide a buffer to the stream
decoder. The application monitors the FIFO to determine when to send data related to the data
stream from the digital storage media. The data is transferred to the buffer and passed to the stream
decoder. A counter is used for dictating a period of time between sending segments of the data
10 stored in the FIFO to the stream decoder. The rate of transfer to the stream decoder is adjusted
through the counter to match a desired bit-rate associated with the data stream.